Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective January 1, 2003 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [SMALL ENTITY OR TOTAL CLAIMS 25 RATE FFF RATE FEE FOR NUMBER EILED MILMRED EYTOA BASIC FEE 375 00 ASIC FEE 750.00 TOTAL CHARGEABLE CLAIMS minus 20= 90 X\$ 9= X\$18= INDEPENDENT-CLAIMS minus 3 = X42= X84= OB MULTIPLE DEPENDENT OLAIM PRESENT +140= +280= OF * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL 140 CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY (Column 1) OR SMALL ENTITY (Column 2) (Column 3) CI AIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT AMENDMENT AFTER PREVIOUSLY RATE TIONAL RATE TIONAL EXTRA AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus *** X42= ¥84-OR. FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-REMAINING ADDI-NUMBER PRESENT MENDMENT AFTER PREVIOUSLY RATE TIONAL RATE TIONAL EXTRA AMENDMENT PAID FOR FEE FEE Total Minus ** X\$ 9= X\$18= OR independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR TOTAL TOTAL OR ADDIT FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER ADDI-ADDI-PRESENT **AMENDMENT** AFTER PREVIOUSLY RATE TIONAL RATE TIONAL EXTRA AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus *** X42= X84= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +140= OR +280= * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL TOTAL ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." OR ADDIT, FEE ADDIT FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.